

**STATE EMERGENCY RESPONSE COMMISSION  
UNITED WE STAND (UWS) GRANT APPLICATION  
TITLE PAGE**

**Applicant:** Storey County Local Emergency Planning Committee

**Address:** PO Box 483, Virginia City, Nevada 89440

**Local Emergency Planning Committee (LEPC) Chair:**

<b>Name:</b>	<u>Joe Curtis</u>	<b>Title:</b>	<u>Director, Storey Co. Emerg. Mgmt</u>
<b>Address:</b>	<u>PO Box 603</u>	<b>City/Zip:</b>	<u>Virginia City, NV 89440</u>
<b>Telephone:</b>	<u>7745-847-0954</u>	<b>Fax:</b>	<u>775-847-0987</u>
<b>E-mail:</b>	<u>jcurtis@storeycounty.org</u>		

**Fiscal Officer:**


<b>Name:</b>	<u>Pat Whitten</u>	<b>Title:</b>	<u>County Manager</u>
<b>Address:</b>	<u>Drawer E</u>	<b>City/Zip:</b>	<u>Virginia City, NV 89440</u>
<b>Telephone:</b>	<u>775-847-0968</u>	<b>Fax :</b>	<u>775-847-0949</u>
<b>E-mail :</b>	<u>pwhitten@storeycounty.org</u>		

**BUDGET SUMMARY :**

PLANNING	TRAINING	SUPPLIES	EQUIPMENT	TOTAL
\$	\$	\$	\$30,000	\$ 30,000.-

**LOCAL EMERGENCY PLANNING COMMITTEE APPROVAL:**


On behalf of the LEPC, I certify this body has reviewed the grant application and agrees to abide by the Federal and State procedures which are related to the acceptance of funds.

  
\_\_\_\_\_  
Signature of LEPC Chair

5-18-09

**GOVERNING BODY APPROVAL: (i.e. County Commissioner, County Manager)**

The LEPC has the approval to apply for funding through this grant.

  
\_\_\_\_\_  
Signature

Pat Whitten, Storey County Manager  
\_\_\_\_\_  
Print name and title

May 18, 2009  
\_\_\_\_\_  
Date

**RECEIVED**

JUN 04 2009

Nevada  
SERC

## **GOALS:**

*Tell the SERC what you want to accomplish with this grant. This section should contain a separate discussion of each goal. The goals are general statements of desired result, and should identify intended outcomes and results the program has established to achieve. **Threat & risk/mitigation; Infrastructure protection/mitigation; and Accomplishment of objectives in State Homeland Security Strategy must be addressed.***

*Begin typing in this box.*

### **Goals:**

To overall and generally enhance the prevention and protective capabilities of Storey County relative to terrorism in all forms and as it may relate to an all hazards approach.

To provide for the needs of the citizenry of Storey County, protect critical infrastructure throughout the county and to prevent potential terrorist activity.

- **Goal #1:** To provide for security fencing and alarm monitoring security for the county Water Systems in the Virginia City/Gold Hill areas of Storey County. Future accomplishments with this goal are to assist with securing other water systems in the county.
- **Goal #2:** To acquire necessary and appropriate equipment to allow for functional detection of hydrocarbon emissions through Photo-ionization Detection (PID). This item is essential in detection of such emissions that may be associated with potential terrorism incidents that might compromise any hydrocarbon facility or any facility that produces or uses any hydrocarbon product in it's operation or production within Storey County and particularly in or around the Tahoe Reno Industrial Complex.

### *How do the goals address threat & risk/mitigation?*

- **Goal #1:** Critical infrastructure such as water systems and waste water systems are vulnerable to terrorism compromise. Fencing and alarming of such Water Systems will help to prevent access to and subsequent compromise of this critical infrastructure.
- **Goal #2:** The ability to detect the presence of any hydrocarbons in the operational atmosphere of any given incident will provide the knowledge to the responders of how to proceed with mitigation of the particular event.

### *How do the goals address infrastructure protection/mitigation?*

- **Goal #1:** Fencing and alarming provide a level of or degree of security and prevention to the potential compromise of water and wastewater critical infrastructure systems.
- **Goal #2:** Detection of hydrocarbons in the operational atmosphere provide knowledge of the safety level for responders functioning in a given event scenario.

### *How do the goals address accomplishment of objectives in State Homeland Security Strategy?*

The Nevada State Homeland Security Strategy (SHSS) stipulates that local government should strive to prevent, detect, deter, mitigate against, prepare for, respond to and recover from any natural, manmade and/or technological emergency or disaster up to and including any act of terrorism.

**Strategy item #9** identifies the provision of enhancing measures to secure and harden critical infrastructure sites.

- **Our goal** with this grant is to provide for the protection of critical infrastructure, ie. Water Systems in the County.
- **Strategy item # 5** identifies the intention to equip and train Nevada's emergency first responders and support agencies. (Response) National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities.
  - **Our goal** relative to this strategy is to obtain the necessary equipment (i.e. Photo-ionization-Hydrocarbon Detection) to provide the ability to meet this goal.

### **OBJECTIVES:**

*How do you plan to achieve your goals? Include specific uses of this grant. Objectives focus on the methods/activities to be used to achieve the goals they support.*

*Answer these questions in each objective:*

X      **WHAT** will be done?

X      **WHO** will complete the tasks?

X      **WHEN** will the activity be implemented?

*Begin typing in this box.*

**WHAT** will be done:

- **Goal #1:** The three (3) drinking and fire suppression water tanks of the Storey County Water System located in the Virginia City/Gold Hill area will be fully fenced off for security and will be outfitted with monitored intrusion alarm systems.

**WHO** will complete the tasks:

- Bids will be obtained from various companies to complete the work. Those bids are attached to this grant request. Please note that the bid for the monitoring is a **SOLE SOURCE VENDOR** for the services.

**WHEN** will the activity be implemented:

- As soon as the grant is approved, a submitted bid will be chosen and then advised and work will begin to be completed before the completion of this grant cycle.

**WHAT** will be done:

- **Goal #2:** We will purchase a Photo-ionization (hydrocarbon) Detection equipment for placement on first response apparatus assigned to the Tahoe Reno Industrial Complex along the Interstate 80 corridor. We are trying to replace ten year old devices which we currently have and which no longer are repairable and function is limited. One such device was already approved by SERC in the Spring 09 equipment grant and is on order. Only one of the four devices we currently have is still functional.

**WHO** will complete the tasks:

- Item will be ordered from a known vendor from whom we have purchased such items from in the past after cost comparisons.

**WHEN** will the activity be implemented:

- Item will be ordered immediately upon receiving notice of grant award.

## **BUDGETS:**

### **PLANNING:**

*Requests to contract with a consultant must be accompanied by at least two competitive bids. The bids must include an itemized quote and detailed scope of work from the consultant.*

<b>CONSULTANT/CONTRACT SERVICES:</b>	
Name	Amount requested
<b>NOT APPLICABLE</b>	
<b>TOTAL PLANNING (rounded up)</b>	<b>\$</b>

### **TRAINING:**

*All training requests must first be made through the Department of Public Safety, Division of Emergency Management (DEM). If the DEM declines the training, the request may be included in the grant application along with the letter of declination.*

*State per diem rates (which follow the federal GSA rates) will prevail unless local rates are less. For the current GSA rates see <http://www.gsa.gov/>; and further defined in SERC policy 8.5.*

*Mileage will be reimbursed at the State rate, currently \$0.55 per mile. If a personal vehicle is used for personal convenience, the reimbursement will be \$0.27.5 per mile. Airport parking and ground transportation expenses are reimbursable upon presentation of receipts. Rental cars must be pre-approved by the SERC.*

<b>TRAINING COSTS:</b> Registration fees, per diem and travel costs should be included in this section.			
Course title	Itemized travel expenses	Registration fees	Amount requested
<b>NOT APPLICABLE</b>			
<b>TOTAL TRAINING (rounded up)</b>			<b>\$</b>

### **SUPPLIES:**

*List supplies and, if applicable, identify what equipment it is used with.*

<b>SUPPLIES COSTS:</b>			
Item	Quantity	Unit Price	Amount requested
<b>NOT APPLICABLE</b>			
<b>TOTAL SUPPLIES (rounded up)</b>			<b>\$</b>

**EQUIPMENT:**

*Attached is the current Standard Equipment Price List. Equipment requests other than those, or higher priced than those, on this list must be accompanied by a quote from the vendor.*

EQUIPMENT COSTS:			
Item	Quantity	Unit Price	Amount requested
Fencing – Water tanks, three tanks – Virginia City	1	\$21,398.00	\$21,398.00
Intrusion Alarm Systems for 4 tank sites The Alarm Systems for the Water Tanks is a "Sole Source" vendor, thus only one quote is attached.	4	\$ 5,825.00	\$ 5,825.00
MultiRAE Plus Model PGM-50 Hydrocarbon Detection Device	1	\$ 3,572.00	\$ 3,572.00
TOTAL EQUIPMENT (rounded up)			\$30,795.00 The \$795.00 overage above the cap will be covered by Storey County

## **BUDGET NARRATIVE**

*This is an explanation of the line items identified in each category. Justify the relationship between the items listed within each category and the project activities. Budget narratives must be included for each category for which there is a request for items/services.*

### **PLANNING SERVICES-**

*Explain the basis for selection of each consultant and describing how the service to be provided is essential to achieving established goals.*

*Begin typing in this box.*

**NOT APPLICABLE**

### **TRAINING-**

*Explain the purpose of the training/travel and how it relates to achieving established goals. Provide location of training, duration, itemized transportation and per diem expenses.*

*Begin typing in this box.*

**NOT APPLICABLE**

### **SUPPLIES-**

*Explain the type of supplies requested & how it relates to achieving the established goals.*

*Begin typing in this box.*

**NOT APPLICABLE**

### **EQUIPMENT-**

*Describe how the equipment will benefit the project, and why it is necessary to achieving established goals.*

*Begin typing in this box.*

- The State Homeland Security Strategy directs local government to provide for **protection of the critical infrastructure** located within its geographic boundaries. Fresh water storage and treatment are primary critical infrastructure. Fencing and alarming of the water systems will provide a level of security for this critical infrastructure.
- Secondly, State Homeland Security Strategy provides for **establishment of equipment needs and to continue to equip** emergency first responders as is permissible through available federal, state, local and tribal funding (i.e. grants). Detection of hydrocarbons in the working atmosphere of an incident relative to terrorism or all hazards is a primary responsibility and requirement for safety and well being of the first responders.

# PROPOSAL



Cont. License #7798A

☒ 480 Morrill Avenue  
Reno, Nevada 89512  
(775) 786-6002  
FAX (775) 786-7992

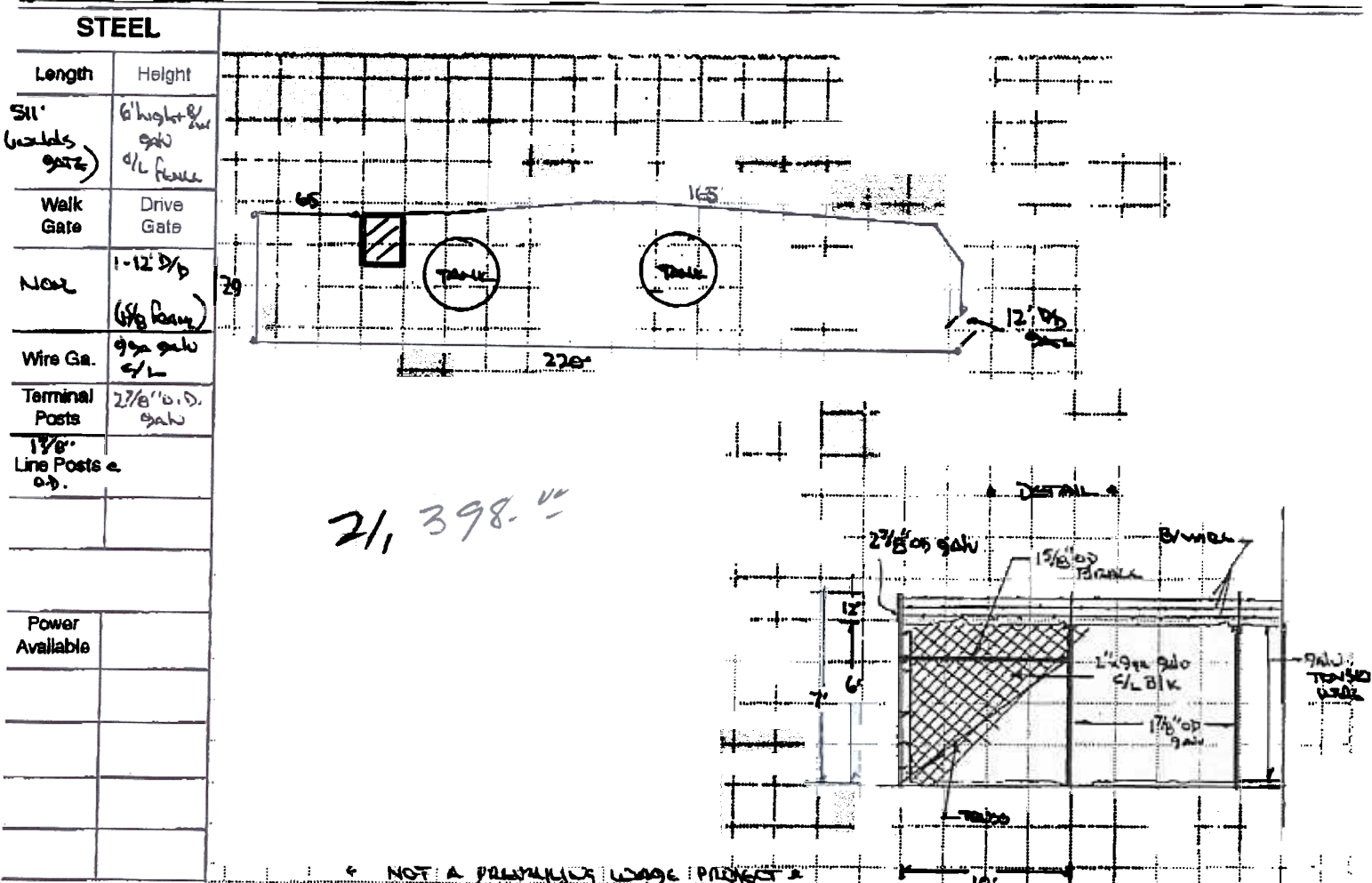
☒ 5740 Highway 50 East  
Carson City, NV 89706-1583  
(775) 882-4665  
FAX (775) 882-7847

☐ 720 E. Fairgrounds  
Winnemucca, NV 89445  
(775) 623-6676  
FAX (775) 623-9566

Submitted to STONLEY County SA Mike Nevins Phone No. 847-0958 OFF  
For Property at Virginia City, Nev. Hill-side tank PR 847-0947  
Cell: 745-4354

## WE PROPOSE TO:

- ☐ INSTALL AT YOUR PROPERTY A FENCE  
☐ MATERIALS ONLY F.O.B. OUR YARD  
☒ OR DO THE FOLLOWING DESCRIBED WORK:



## PAYMENT IN FULL DUE UPON COMPLETION

PERMIT NOT INCLUDED UNLESS OTHERWISE INDICATED

WE PROPOSE to furnish and install fencing materials (or materials only) in accordance with the conditions and terms as listed. The fence line and grade are to be located by the property owner. **CUSTOMER ASSUMES FULL RESPONSIBILITY FOR LOCATION OF FENCE** and agrees to, at customer's sole expense, defend and hold Artistic Fence Co., Inc. harmless respecting claims of encroachment, claims of damage to underground facilities, and/or any other claims brought on account of the work herein above described, including sprinkler systems. Price of installation is based on the entire job being done at one time. If on account of changes made by purchaser the crew has to make more than one trip, the extra charge covering such expense will be made. Quotation subject to change after 30 days.

Agreed Price

Installed 13,971

TERMS: NET 30 DAYS

By Andy / Steve

Accepted By \_\_\_\_\_

Date 4-21-05

Date \_\_\_\_\_

Subject to additional conditions on reverse side.



# PROPOSAL



Cont. License #7798A

☒ 480 Morrill Avenue  
Reno, Nevada 89512  
(775) 786-8002  
FAX (775) 786-7992

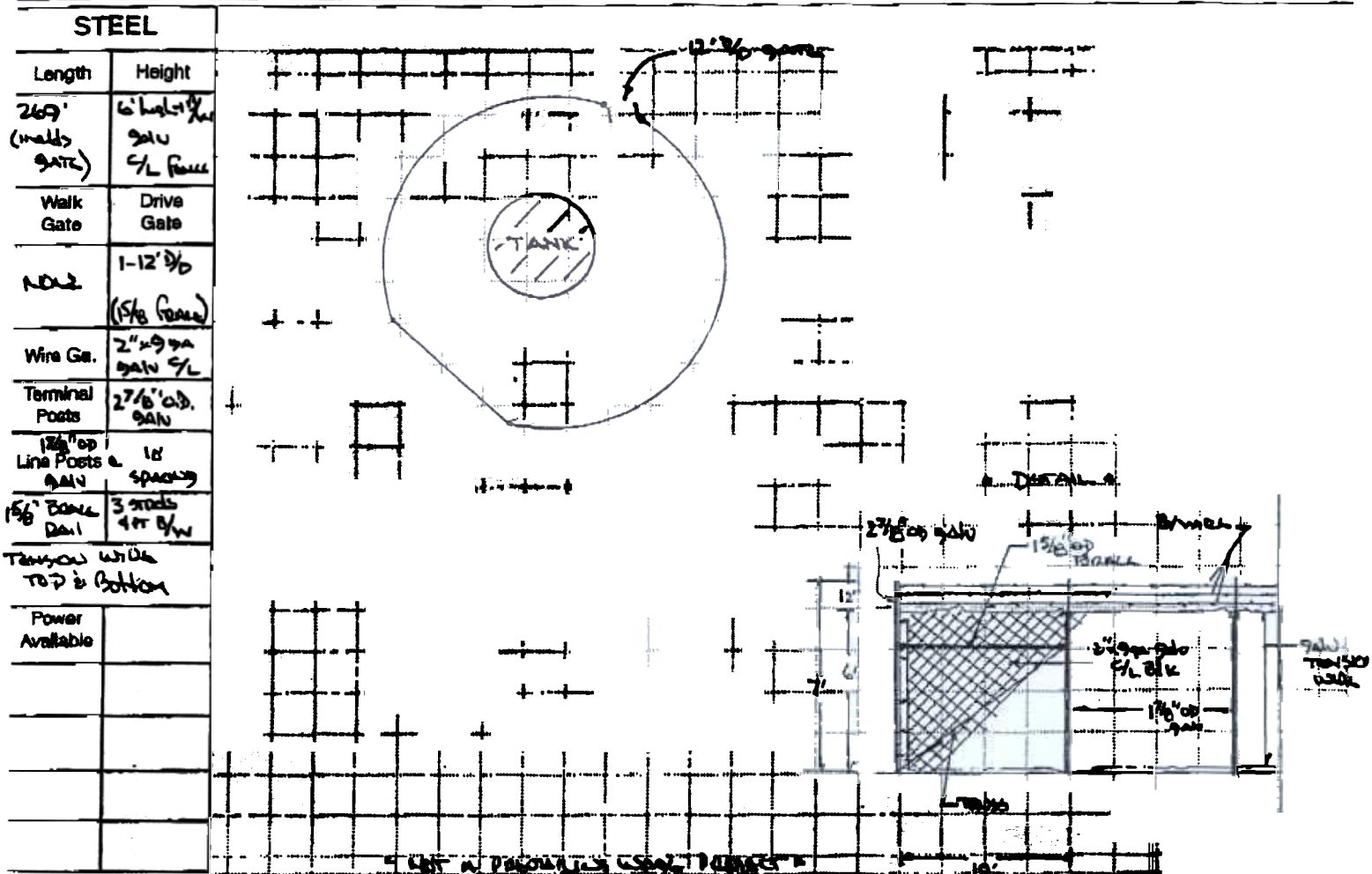
☒ 5740 Highway 50 East  
Carson City, NV 89706-1683  
(775) 882-4665  
FAX (775) 882-7847

☐ 720 E. Fairgrounds  
Winnemucca, NV 89445  
(775) 623-6676  
FAX (775) 623-9566

Submitted to Stonley County Sh Mike Newlin Phone No. 847-0958 OFF  
For Property at Virginia City, Nev. - No. 2nd. Ave. - 847-0947  
Call: 745-4354

## WE PROPOSE TO:

- ☐ INSTALL AT YOUR PROPERTY A FENCE  
☐ MATERIALS ONLY F.O.B. OUR YARD  
☒ OR DO THE FOLLOWING DESCRIBED WORK:



## PAYMENT IN FULL DUE UPON COMPLETION

PERMIT NOT INCLUDED UNLESS OTHERWISE INDICATED

WE PROPOSE to furnish and install fencing materials (or materials only) in accordance with the conditions and terms as listed. The fence line and grade are to be located by the property owner. **CUSTOMER ASSUMES FULL RESPONSIBILITY FOR LOCATION OF FENCE** and agrees to, at customer's sole expense, defend and hold Artistic Fence Co., Inc. harmless respecting claims of encroachment, claims of damage to underground facilities, and/or any other claims brought on account of the work herein above described, including sprinkler systems. Price of installation is based on the entire job being done at one time. If on account of changes made by purchaser the crew has to make more than one trip, the extra charge covering such expense will be made. Quotation subject to change after 30 days.

Agreed Price

Installed 7,427.00

TERMS: NET 30 days

By Audrey / Star  
Date 4-21-09

Accepted By \_\_\_\_\_  
Subject to additional conditions on reverse side.

Date \_\_\_\_\_



# PROPOSAL

# TAHOE FENCE CO., INC.

www.tahoeence.com



CA LIC # 305682 (UNLIMITED) • NV LIC # 53722 (\$200,000)  
36 BROWN DRIVE • MOUND HOUSE, NEVADA 89706  
(775) 882-1063 • FAX (775) 882-5490  
TOLL FREE 1-800-332-2822

745.4354

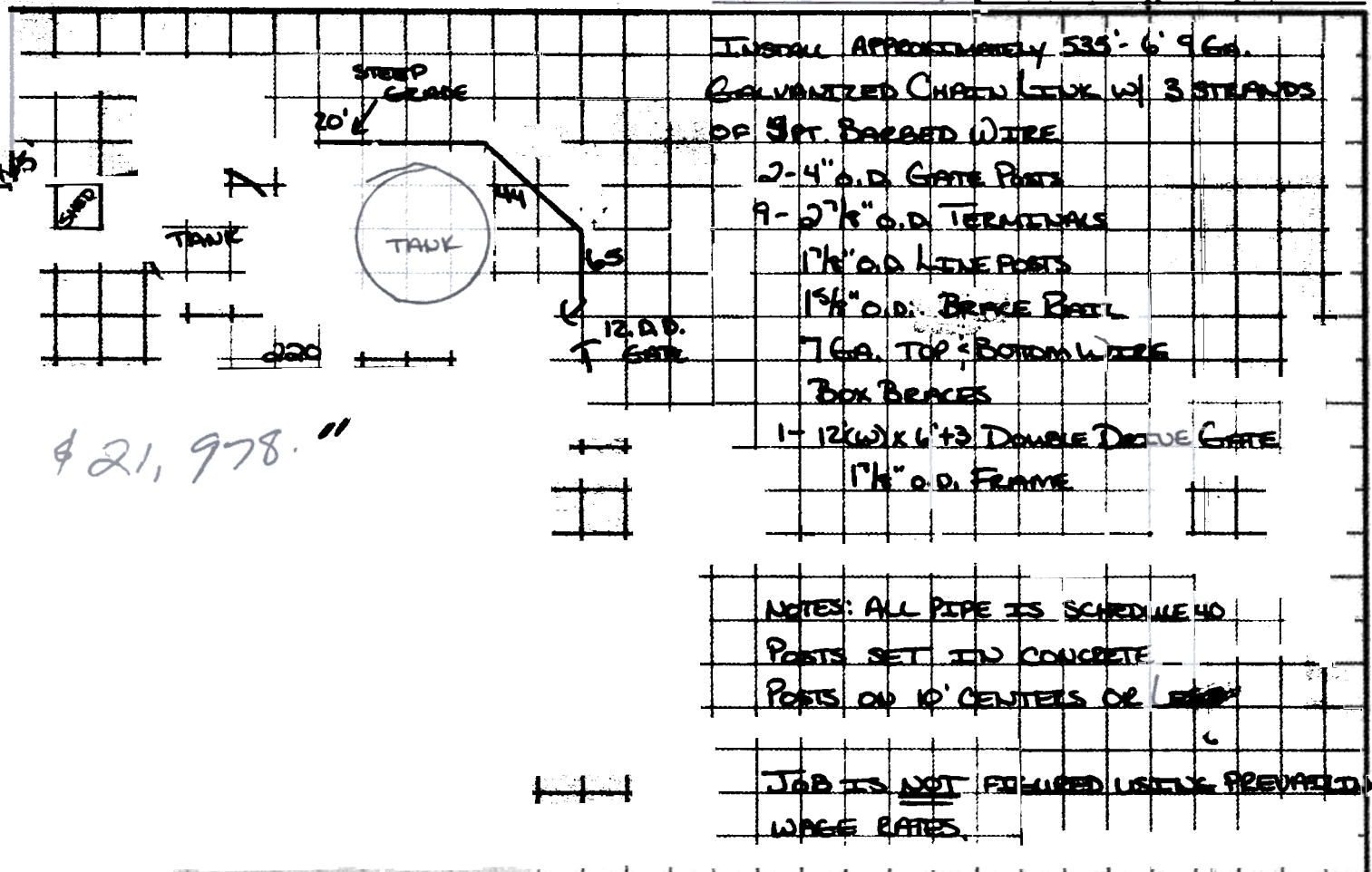
Submitted to Storey County Public Works ATTN: Mike Neveu Phone No. 847-0958  
For Property at Hillside Tanks Fax No. 847-09847

WE PROPOSE TO:  
INSTALL AT YOUR PROPERTY A FENCE OR  
DO THE FOLLOWING DESCRIBED WORK

Mail to:

P.O. Box 435

100 TOLL ROAD, VIRGINIA CITY, NV 89440



## PERMIT NOT INCLUDED UNLESS OTHERWISE INDICATED

TAHOE FENCE CO., INC. PROPOSES to furnish and install fencing (or materials only) in accordance with the terms and conditions as listed. The fence line and grade are to be located by the property owner.

CUSTOMER ASSUMES FULL RESPONSIBILITY FOR LOCATION OF FENCE and agrees to, at customer's sole expense, defend and hold Tahoe Fence Co., Inc. harmless respecting claims of encroachment, claims of damage to underground facilities, and/or any other claims brought on account of the work herein above described. Tahoe Fence Co., Inc. is not responsible for any county, city, and CC&R Codes and regulations regarding setbacks, heights, and variances.

Price of installation is based on the entire job being done at one time. If on account of changes made by customer the crew has to make more than one trip, the extra charge covering such expense will be made.

All changes must be made in writing. Quotation subject to change after 45 days.

By: CHAD MELOW

Date: APRIL 28, 2009

## 1/3 DOWN & BALANCE UPON COMPLETION

AGREED PRICE INSTALLED \$ 13,728.00

MATERIAL ONLY \$ \_\_\_\_\_

PLEASE READ CAREFULLY AND  
RETURN SIGNED COPY IF ACCEPTED

Accepted By: \_\_\_\_\_

Subject to additional terms & conditions on reverse side

Date: \_\_\_\_\_

# PROPOSAL

# TAHOE FENCE CO., INC.

www.tahoe fence.com



CA LIC # 305682 (UNLIMITED) - NV LIC # 53722 (\$200,000)  
36 BROWN DRIVE - MOUND HOUSE, NEVADA 89706  
(775) 882-1063 • FAX (775) 882-5490  
TOLL FREE 1-800-332-2822

CELL 745-4334

Submitted to STOREY COUNTY PUBLIC WORKS ATTN: MIKE NEVIN Phone No. 775-847-0958

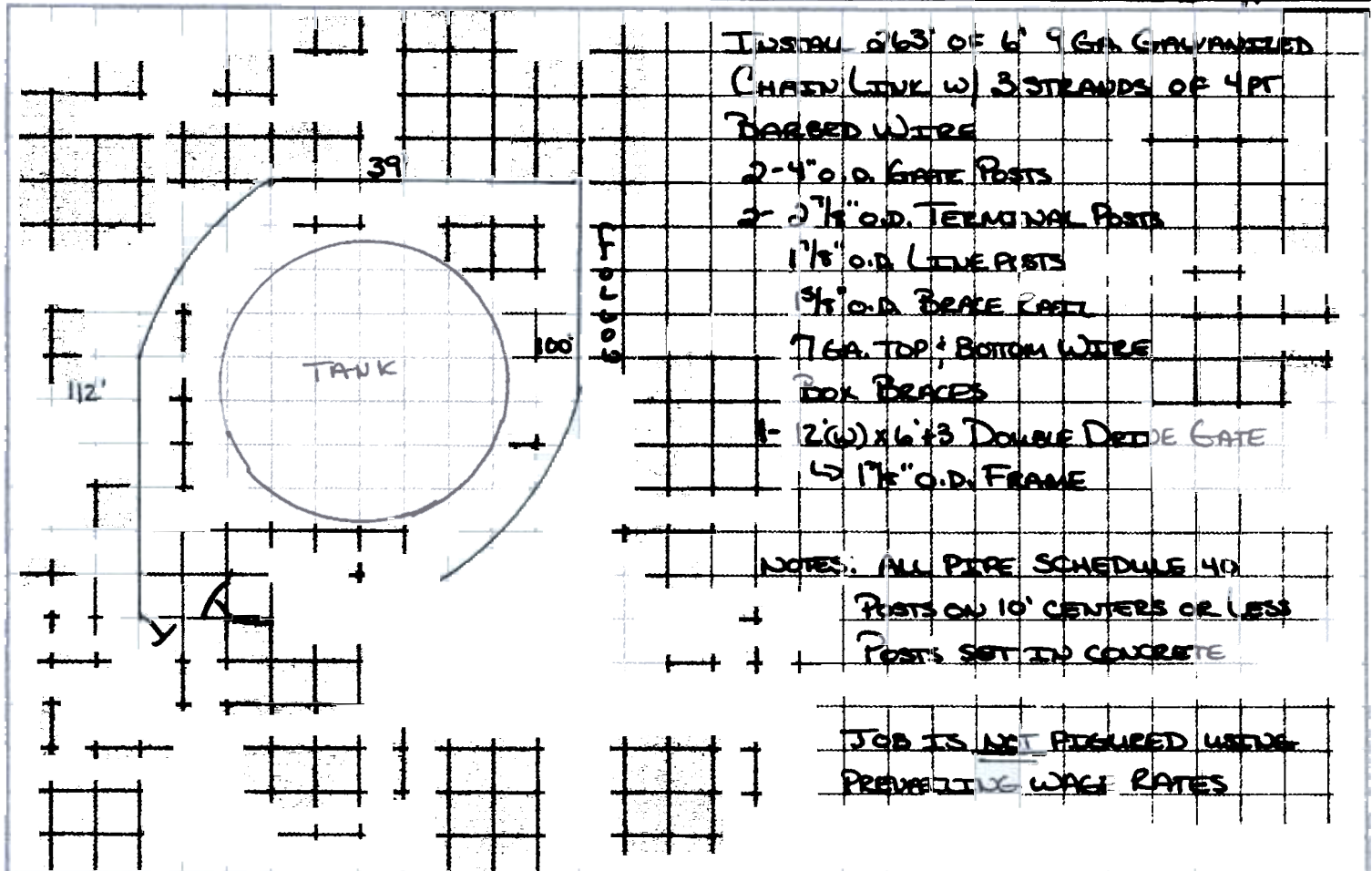
For Property at NORTHSIDE TANK OFF TAYLOR ST. Fax No. 847-0947

WE PROPOSE TO:  
INSTALL AT YOUR PROPERTY A FENCE OR  
DO THE FOLLOWING DESCRIBED WORK

Mail to:

P.O. Box 435

100 TOLL ROAD, VIRGENIA CITY, NV 89440



## PERMIT NOT INCLUDED UNLESS OTHERWISE INDICATED

TAHOE FENCE CO., INC. PROPOSES to furnish and install fencing (or materials only) in accordance with the terms and conditions as listed. The fence line and grade are to be located by the property owner.

CUSTOMER ASSUMES FULL RESPONSIBILITY FOR LOCATION OF FENCE and agrees to, at customer's sole expense, defend and hold Tahoe Fence Co., Inc. harmless respecting claims of encroachment, claims of damage to underground facilities, and/or any other claims brought on account of the work herein above described. Tahoe Fence Co., Inc. is not responsible for any county, city, and CC&R Codes and regulations regarding setbacks, heights, and variances.

Price of installation is based on the entire job being done at one time. If on account of changes made by customer the crew has to make more than one trip, the extra charge covering such expense will be made.

All changes must be made in writing. Quotation subject to change after 90 days.

By: CHAD MELLOW

Date: APRIL 28, 2009

## 1/3 DOWN & BALANCE UPON COMPLETION

AGREED PRICE INSTALLED : \$8,250.00

MATERIAL ONLY : \_\_\_\_\_

PLEASE READ CAREFULLY AND  
RETURN SIGNED COPY IF ACCEPTED

Accepted By: \_\_\_\_\_  
Subject to additional Terms & Conditions on reverse side

Date: \_\_\_\_\_

**Item 3. Intrusion Alarm Devices with Programming Modification for  
Divide Tank \$ 1,165**

Includes: Allen-Bradley NEMA-4 Limit Switch with Lever Arm Actuator, Conduit, Low-Voltage Signal Cable, Engineering, Programming, Factory Testing, Travel, Installation, Field Testing, Start-up and Documentation.

**Item 4. Intrusion Alarm Devices with Programming Modification for  
6-Mile Tank \$ 1,165**

Includes: Allen-Bradley NEMA-4 Limit Switch with Lever Arm Actuator, Conduit, Low-Voltage Signal Cable, Engineering, Programming, Factory Testing, Travel, Installation, Field Testing, Start-up and Documentation.

**Item 5. Intrusion Alarm Devices with Programming Modification for  
Bellon Tank \$ 1,165**

Includes: Allen-Bradley NEMA-4 Limit Switch with Lever Arm Actuator, Conduit, Low-Voltage Signal Cable, Engineering, Programming, Factory Testing, Travel, Installation, Field Testing, Start-up and Documentation.

**Item 6. Intrusion Alarm Devices with Programming Modification for  
Hillside Tanks \$ 2,330**

Includes: Allen-Bradley NEMA-4 Limit Switches with Lever Arm Actuator, Conduit, Low-Voltage Signal Cable, Engineering, Programming, Factory Testing, Travel, Installation, Field Testing, Start-up and Documentation.

DELIVERY: 8-12 weeks ARO

TERMS: NET 30

FOB: CARSON CITY, NV

THIS QUOTATION IS VALID FOR 60 DAYS.

RESPECTFULLY SUBMITTED,  
SIERRA CONTROL SYSTEMS, INC.

BY   
Joel McManamy

To proceed with this order please sign below with an authorized signature and return.

Signed

PO Number

Date

Requested Delivery Date

JUL 04: 2009 2:01PM Station 2, AZ

480967610 No. 4534 P. 2 P. 2

MES - Arizona  
2330 West University Dr.  
Suite 10  
Tempe, AZ 85281

Telephone .....: 480-967-6100  
Fax .....: 480-967-6101



Ship To:  
Storey County Fire Dept.  
145 North C Street  
M/F PO#  
Virginia City, NV 89440  
Dave Curtis

Bill To:  
Storey County Fire Department  
PO Box 603  
Attn: Accts Payable  
Virginia City, NV 89440

## Quotation

Number .....: QT\_00031399-2  
Date .....: 6/4/2009  
Page .....: 1 of 1  
Sales order .....:  
Requisition .....:  
Your ref. ....:  
Our ref. ....: KOJen  
Quotation deadline .....: 6/3/2009  
Payment .....: Net 15  
Sales Rep .....: KFIla  
Terms of delivery .....: Customer Pays Freight

Item number	Description	Quantity	Unit	Unit price	Amount
009-3121-014	Multi RAE Plus Monitor with Accessories & Calibration Kit LEL/O2/H2S/CO/10.6 eV PID	1.00	EA	3,572.00	3,572.00

This Quotation is subject to any applicable sales tax and shipping & handling charges that may apply.  
Notes:

Sales balance	Total discount	S&H	Sales tax	Total
3,572.00	0.00	0.00	0.00	3,572.00 USD

returns must be processed within 30 days of receipt and require a return authorization number and are subject to a restocking fee.  
storm orders are not returnable.

RAE Systems, Inc.  
 3775 North First Street  
 San Jose, CA 95134 US  
 Phone: 408-952-8200  
 Fax: 408-952-8480  
 Toll-free: 877-723-2878  
 Email: [aleet@raesystems.com](mailto:aleet@raesystems.com)  
 Website: <http://www.raesystems.com>

All Categories > Portable Detection > Multi-Gas > MultiRAE Plus Monitor > MultiRAE Plus Monitor  
 Configuration > Item # 009-3211-814

Item # 009-3211-814



[larger image](#)

#### MultiRAE Plus Model PGM-50

The MultiRAE Plus combines a PID (Photo-ionization Detector) with the standard four gases of a confined space monitor (O<sub>2</sub>, LEL, and two interchangeable toxic gas sensors) in one compact monitor with sampling pump. Like the Leatherman™ tool, the MultiRAE Plus gets the job done in more circumstances than any other gas detector. Its versatility makes it the gas meter of choice for some of the highest profile HazMat/WMD teams in the United States. The MultiRAE Plus is quickly and easily changed from a sophisticated technician instrument to a simple text-only monitor. The same monitor can be used as a personal monitor, a hand-held sniffer or as a continuous-operation area monitor.

The MultiRAE Plus detector can be made wireless with the use of RAELink2. This allows real-time monitoring information from the detector to be integrated into an existing AreaRAE system. A wireless, RF (radio frequency) modem allows detectors equipped with Firmware version 1.20 or higher to communicate and transmit readings and other information on a real-time basis with a remotely located AreaRAE base controller up to two miles away.

These are the most commonly purchased MultiRAE Plus monitors, with a universal charger and an international plug kit.

[Key Features](#) · [Applications](#) · [Specifications](#) · [Certifications](#) · [Classifications and Approvals](#) · [Method of Usage](#) · [Markets](#)

#### Key Features

- O<sub>2</sub>, LEL, PID, and any two plug-in "smart" toxic sensors : CO, H<sub>2</sub>S, SO<sub>2</sub>, NO, NO<sub>2</sub>, Cl<sub>2</sub>, HCN, NH<sub>3</sub>, PH<sub>3</sub>
- 0-2000 ppm measurement of VOCs (volatile organic compounds) with 0.1 ppm resolution
- Measure more chemicals than with any other PID: With over 60 Correction Factors built into the MultiRAE Plus memory and the largest printed list of Correction Factors in the world (300+), RAE Systems offers the ability to accurately measure more ionizable chemicals than any other PID!
- Drop-in Battery: When work schedules require putting in more hours than the 14 hours supplied by the advanced Lithium Ion (Li-ion) battery, the drop-in alkaline pack supplied with every MultiRAE Plus allows you to finish the job.
- User friendly screens make it easy to use for simple applications and flexible enough for sophisticated options.
- Rugged Rubber Boot assures that the MultiRAE Plus survives the bumps and knocks of tough field use.
- Strong, built-in sample pump draws up to 100 feet (30 m) horizontally or vertically.
- Large external filter and automatic low flow alarm protect the MultiRAE Plus from damage.
- Large keys are operable even with 3 layers of gloves.
- Easy-to-read display with backlight.
- Store up to 80 hours of data at one minute intervals for all 5 sensors for download to PC (with the optional datalogging).
- Loud audible alarm that varies for different alarm conditions and an optional external vibration alarm for noisy

areas

- Access sensors and battery in seconds with the new, improved case

---

## Applications

- HazMat/Homeland Security
  - Initial PPE (personal protective equipment) assessment
  - Leak detection
  - Perimeter establishment and maintenance
  - Spill delineation
  - Decontamination
  - Remediation
- Confined Space Entry
  - Aviation/wing tank entry with jet fuel
  - Shipyard and maritime confined spaces with diesel fuel
  - Pulp and paper industry for confined space entry in turpentine environments
- Environmental
  - Soil and water headspace analysis
  - Leaking underground storage tanks (LUST)
  - Landfill monitoring
- Industrial Hygiene, Plant Health & Safety
  - Confined Space Entry
  - Indoor Air Quality (IAQ)

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## Specifications

<b>Basic Unit</b>	PGM-50
<b>Combustible &amp; Oxygen Sensors</b>	LEL/O <sub>2</sub> Combustible and Oxygen
<b>Interchangeable TOX 1 Sensor<sup>1</sup></b>	CO - Carbon Monoxide Sensor
<b>Interchangeable TOX 2 Sensor</b>	H <sub>2</sub> S - Hydrogen Sulfide Sensor
<b>Photoionization Detectors (requires pump)<sup>2</sup></b>	10.6 eV Lamp
<b>Pump, Batteries, Chargers</b>	Pump, Extended Duration Li-ion, Universal Charger
<b>Datalogging</b>	Datalogging Monitor - includes Software & Cable
<b>Kits</b>	Access, and 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) plus Isobutylene Calibration Kit
<b>Options</b>	(SVC-PTC4-095) Service Program
<b>Detection Type</b>	Portable Wireless

<sup>1</sup> Cannot use both NO and NH<sub>3</sub> sensors in a single monitor.

<sup>2</sup> Photoionization Detectors lamp other than 10.6eV require consultation with Don Wolf & Associates

---

## Certifications, Classifications and Approvals

UL	Yes
cUL/CSA	Yes
CE	
ATEX <sup>1</sup>	



**IECEX** **No**

<sup>1</sup> ATEX option must be specified at time of order

---

**Method of Usage**

<b>Wireless</b>	<b>Yes</b>
<b>Need RL2</b>	<b>Yes</b>
<b>Need RL3</b>	<b>Yes</b>

---

**Markets**

<b>Fire/Hazmat<sup>1</sup></b>	<b>Belt-Worn</b>
<b>Government</b>	<b>Belt-Worn</b>
<b>Environmental</b>	<b>Belt-Worn</b>

<sup>1</sup> BW = Belt Worn

**Print**

**Back**





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**Ion Science - PhoCheck+ 5000 Photo Ionization Detector - Portable Handheld VOC Monitor**

Availability: Immediate Ship

Starting at \$327 per week

#### Large Image

#### Description:

PhoCheck+ 5000 is a highly sensitive patented photoionization detector (PID). With a dynamic detection range spanning 1 ppb up to 10,000 ppm, PhoCheck+ is the first PID on the market able to embrace the detection of Volatile Organic Compounds (VOCs) at low toxicity thresholds and high explosive limits. With increased memory capacity for data logging results every second and improved PC communication via IRDA technology the PhoCheck is the ideal PID for giving you truly traceable results.

#### PhoCheck+ 5000 Features include:

- 1 ppb to 10,000 ppm for ultimate detection capability
- Choice of two viewing modes - large numbers or a real time graph

#### You may also need:



**RAE Systems MiniRAE Lite Photo Ionization Detector - Portable Handheld VOC Monitor with Field Kit**



**RAE Systems MiniRAE 3000 Photo Ionization Detector - Portable Handheld VOC Monitor with Field Kit**



**RAE Systems MultiRAE Plus Multi-Gas Monitor with VOC Detection & Field Kit**

#### PhoCheck+ 5000

Rental	Rate	Purchase	Qty
Daily	\$115	New	\$4,945.50
Weekly	\$327	Used	N/A
Monthly	\$935		

#### [+ Accessories](#)

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Phone : 800.532.3381 Email : [TRS@TRS-Environmental.com](mailto:TRS@TRS-Environmental.com)

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## CERTIFIED ASSURANCES

Upon acceptance of funding from the State of Nevada Emergency Response Commission (SERC), the lead governmental unit hereby agrees to the following Certified Assurances governing the awarding of funds.

- A) **FINANCIAL REPORTS** – The grantee/sub-grantee agency is required to submit, at a minimum, quarterly financial reports to the SERC. Reporting must be made in accordance with all applicable federal, state, and local laws and regulations, and SERC policies 8.5 and 8.6.

No expenditures or obligations will be eligible for compensation if occurring prior to the award period. All funds need to be obligated by the end of the grant period and expended by the final report date as stated in the grant award cover letter. Failure to submit proper reports pursuant to current policies may jeopardize future funding from the SERC.

- 1) **Request for advance:** May be used only if expenses total over \$2,000.00 and is accompanied by a dated purchase order or quote.
- 2) **Report on expenditure of advance:** Show the actual expenditure of the advanced funds. This report is due **within 30 days** of the date of the advanced check and must include copies of dated invoices and proof of payment. If the amount advanced is more than the amount spent, or the advanced amount is not spent within the 30 days, the unexpended funds are to be returned to the SERC within 45 days of the date of the check.
- 3) **Request for reimbursement:** Complete and submit a financial report form, at a minimum quarterly, for all expenditures funded by the grant. Include copies of dated invoices and proof of payment. Any other form of documentation for expenditures must be approved by the SERC staff. If additional funds are used toward the project, report those expenditures as a **match** in the appropriate line on the report form.
- 4) **Quarterly report required:** If there are no expenditures within the quarter, a report with an explanation of why is due by the end of the month following the end of the quarter. Due dates for quarterly reports are as follows:

<b>October 31</b>	- for reporting period July 1 to September 30;
<b>January 31</b>	- for reporting period October 1 to December 31;
<b>April 30</b>	- for reporting period January 1 to March 31; and
<b>July 31</b>	- for reporting period April 1 to June 30.
- 5) **Final report:** There will be no further expenditures, the grant is closed, and no further reports are necessary. This report is due within 45 days after the end of the award period, or anytime prior to the end of the award period if no further funds will be spent.

- B) Exercise report:** Each LEPC/state agency must report to the SERC by January 31<sup>st</sup> of each year on at least one real event and/or tabletop, functional, or full-scale exercise or drill which tests the hazardous materials emergency response plan.
- C) GRANT CHANGE REQUEST -** Grant expenditures are authorized for the purposes set forth in this application, as approved in the grant award, and in accordance with all applicable laws, regulations, and policies and procedures of the State of Nevada and the applicable federal granting agency. Any request for change in the project must be submitted to the SERC and approved in writing prior to its implementation. Approval may be required by the Funding Committee if the change is significant (SERC policy 8.7).
- D)** The applicant certifies, through the submission of the grant application for funding, neither the lead agency, county government nor any of its participating agencies are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in the transaction by any federal department or agency.
- E)** The applicant assures the fiscal accountability of the funds received from the State Emergency Response Commission will be managed and accounted for by the lead agency's chief comptroller and internal control and authority to ensure compliance with SERC's documentation, record keeping, accounting, and reporting guidelines will reside with that individual.
- F)** The applicant and its contractors will comply with the nondiscrimination requirements of the Civil Rights Act of 1964; Section 504 of the Rehabilitation Act of 1973; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975; and the American Disabilities Act of 1992.
- G)** The applicant will abide by audit requirements as specified in OMB Circular A-133, Audits of State and Local Governments as revised August 29, 1997.
- H)** Any publication (written, visual, or audio) issued by the sub-grantee describing programs funded whole or in part with federal funds, shall contain the following statement:
- “This program was supported by Grant #\_\_\_\_\_, awarded by the Nevada State Emergency Response Commission (and, if a HMEP grant, the U.S. Department of Transportation). Points of view or opinions contained within this document are those of the author and do not necessarily represent the official position or policies of the State Emergency Response Commission (and, if a HMEP grant, U.S. Department of Transportation).”
- I)** The applicant fully understands the State Emergency Response Commission has the right to suspend, terminate, or de-obligate grant funds to any grantee/sub-grantee that fails to conform to the requirements or the terms and conditions of its grant award.
- J) LOBBYING -** No grant funds appropriated will be paid, by or on behalf of the grantee/sub-grantee, to any person for influencing or attempting to influence an officer, employee, or a member of Congress, or an officer, employee, or any member of the Nevada State Legislature.

- K) Project related income, (i.e., registration fees, royalties, sales of real and personal property) must be used for the purpose of furthering the goals and objectives of the project or program from which the income was generated. Interest earned must be returned to the State Emergency Response Commission.

\*\*\*\*\*

### ORIGINAL SIGNATURES REQUIRED

#### GOVERNMENTAL UNIT (I.E. COUNTY COMMISSION, COUNTY MANAGER)



Signature

MAY 18, 2009

Date

Pat Whitten, County Manager, Storey County

Print name and title

#### LOCAL EMERGENCY PLANNING COMMITTEE CHAIRMAN



Signature

5-18-09

Date

Joe Curtis, Chair, Storey County LEPC (Director, Storey Co. EM)

Print name and title

RETURN THIS FORM WITH THE GRANT APPLICATION

**RECEIVED**

JUN 04 2009

Nevada  
SERC

# LEPC COMPLIANCE CERTIFICATION

The following must be met by the Local Emergency Planning Committees (LEPCs) as requirements for compliance with federal and State laws and regulations and SERC policies and procedures. This checklist must be completed, signed, and returned annually by March 31, even if the LEPC is not a recipient of grant funds.

A check mark in the boxes will indicate a YES response.

Y Have changes in the LEPC Bylaws and Membership list been submitted to SERC?

Bylaws reviewed/updated - Date: Jan. 2009 Submitted: Yes

Membership list reviewed/updated - Date: Jan. 2009 Submitted: Yes

Y Have LEPC meetings been held, at a minimum quarterly, and have agendas and minutes of all meetings, including special meetings, been forwarded to the SERC?

Y Has the LEPC submitted all required reports which summarize the financial management of the active grants (*i.e.*, *copies of invoices and verification of expenditures*)?

Y Has the LEPC reviewed and/or updated its hazardous materials emergency plan (or haz-mat portion of the jurisdiction's "all hazards" plan) within the last year? Have Plan review results and updates been submitted to the SERC in writing along with a copy of the LEPC meeting minutes documenting review of the Plan?

Review/update - Date: January 2009 Submitted: Y

Y Has the LEPC conducted least one incident or exercise, tabletop or full scale, of its hazardous materials emergency response plan and reported on it by January 31<sup>st</sup>?

Indicate the date of the most recent exercise: Dec. 16, 2008 Reported: Yes

Y Has the LEPC met the annual requirement of publishing the Emergency Planning and Community Right-to-Know Act "information availability" in the local newspaper? Has the standard Affidavit of Publication been sent to the SERC?

Date of publication: April 3, 2009 Affidavit Submitted: April 6, 2009

As chairman of the Storey County Local Emergency Planning  
County Name

Committee, I attest all information provided on this compliance certification is accurate.

Ψ [Signature]  
LEPC Chair Signature

Date: 5-18-09

RECEIVED

UN 04 2009

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RETURN THIS FORM WITH THE GRANT APPLICATION

# CHECK SHEET

## A COMPLETE APPLICATION MUST INCLUDE THE FOLLOWING

- ✓ ☒ Title Page (original signatures)
- ✓ ☒ Goals of this grant
- ✓ ☒ Objectives of this grant
- ✓ ☒ Line Item Budget
- ✓ ☒ Budget Narrative
- ✓ ☒ Certified Assurances (original signatures)
- ✓ ☒ LEPC Compliance Certification (signed by Chair)
- ✓ ☒ Copy of the LEPC meeting minutes approving submittal of grant application